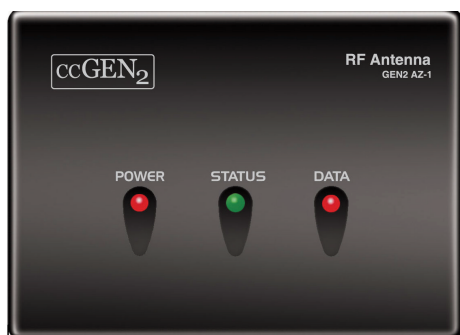




# Owner's Manual

## AZ-1

## Auxiliary Controller



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<b>Congratulations!</b>	<b>1</b>
<b>Features and Benefits</b>	<b>1</b>
<b>Parts Guide</b>	<b>1</b>
<b>AZ-1 Panel Descriptions</b>	<b>2</b>
<b>Specifications</b>	<b>3</b>
<b>Limited Warranty Statement</b>	<b>4</b>
<b>End User Agreement</b>	<b>6</b>
<b>Federal Communication Commission Interference Statement</b>	<b>7</b>
<b>Declaration of Conformity</b>	<b>8</b>

## Congratulations!

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Thank you for purchasing the ccGEN2 AZ-1 Auxiliary Controller for use with a CP-1 Central Processor, a RM-1 RF remote control and other URC RF devices. This device allows for optimal placement of the system's RF antenna, allowing for more robust coverage in all corners of the home or small office space. Designed to work on URC's 2.4GHz wireless network, this compact device works with other devices that use the same RF protocol like the RM-1 remote and future products.

## Features and Benefits

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- **Adds a 2.4GHz network antenna to the CP-1 Central Processor**

The CP-1 requires the use of the AZ-1 to enable communication, over the 2.4GHz network, to compatible devices (RM-1 and other future products etc.). Using this external antenna allows for optimal placement in the home or office.

- **Compact design for easy installation**

Easily and discretely install the AZ-1 Auxiliary Controller. Maintain your home decor while controlling your ccGEN2 Central Processor.

## Parts Guide

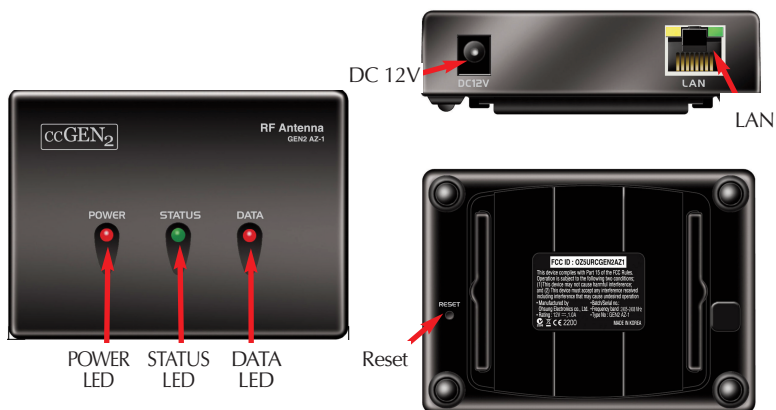
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The AZ-1 Auxiliary Controller includes:

- 1 - AZ-1 Auxiliary Controller
- 1 - AC Power Adapter
- 1 - Wall Mount and 4 Screws
- 1 - Owner's Manual

## AZ-1 Panel Descriptions

The front, rear and bottom panel consists of:



**Power LED:** When illuminated this light indicates the AZ-1 is ON.

**Status LED:** The **Status LED** signifies when the AZ-1 is connected to the network:

- **Connected:** Illuminates **green**.
- **Not Connected:** Remains OFF.
- **Pairing:** Illuminates **orange**.

**Data LED:** The **Data LED** flashes as the AZ-1 receives and transmits data.

**DC 12V (1A):** Plug in the included AC/DC adapter to power up the AC-1.

**LAN:** Communicate over the network to an CP-1 using an Ethernet cable.

**Reset:** Pressing the **Reset** button, with a stylus or paper clip, refreshes the AZ-1. Unplugging and re-plugging the power cable also resets the unit.

Pressing and holding the **Reset** button for 15 seconds factory defaults the AZ-1 and places the unit back to its original factory condition.

## Specifications

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**Microprocessor:** ARM32-bit Cortex- M3 (120MHz)

**Memory:** 128+4Kbyte SRAM, 768Kbyte Flash

**RF Range (radio frequency):** 50 to 100 feet, depending upon the environment

**RF Frequency:** 2.405~2.480 GHz

**Weight:** 3.058 oz

**Size:** 3.74" X 2.7" X 1.1"

**Power:** 12V DC 1A

## Limited Warranty Statement

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### 1. Limited Warranty and Disclaimers

Universal Remote Control, Inc. ("URC") warrants that the URC equipment shall be free from defects in material and workmanship under normal usage for one (1) year from purchase when such is purchased from URC. **This limited warranty is valid only in the United States of America.** URC warrants that the software will substantially conform in any material respect to its functional specifications at the time of delivery. URC SHALL NOT BE LIABLE FOR OPERATIONAL, TECHNICAL OR EDITORIAL ERRORS AND/OR OMISSIONS MADE IN THE URC DOCUMENTATION. URC DOES NOT WARRANT THAT THE URC SOFTWARE IS BUG-FREE OR ERROR FREE OR THAT THERE ARE NO ERRORS/BUGS IN THE URC SOFTWARE.

URC warrants that at the time of purchase the URC equipment and the URC software complied with all applicable regulations and policies of the Federal Communications Commissions ("FCC") regarding electromagnetic interference caused by electronic/computing devices and to the extent that the URC equipment and/or the URC software fails to so comply, URC shall, at its own expense, take all reasonable measures to promptly cause such to comply.

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The warranty limitations and warranty disclaimers may not apply to end user in whole or in part, where such are restricted or excluded by applicable law and such shall apply to the maximum extent permitted by applicable law.

In the event of any warranty claim, URC will, at its sole option, repair the URC equipment using new or comparable rebuilt parts, or exchange the URC equipment for new or rebuilt equipment. **In the event of a defect, these are the end user's exclusive remedies.**

All the URC equipment returned for service, exchange or repair require an RGA number. To obtain an RGA number, you must complete a Return Request Form which you may obtain by calling (914) 835-4484 or contacting URC at [returnrequest@universalremote.com](mailto:returnrequest@universalremote.com). To obtain warranty service, end user must deliver the URC equipment, freight prepaid, in its original packaging or packaging affording adequate protection to URC at 420 Columbus Avenue, Valhalla, NY 10595. It is end user's responsibility to backup any macro programming, artwork, software or other materials that may have been programmed into the unit. It is likely that such data, software, or other materials will be lost during service and URC will not be responsible for any such damage or loss. A dated purchase receipt, bill of sale, installation contract or other verifiable proof of purchase is required. For the URC equipment support and other important information, please visit URC's website available at [www.universalremote.com](http://www.universalremote.com) or call the Customer Service Center at (914) 835-4484.

This limited warranty only covers the URC equipment issues caused by defects in material or workmanship during ordinary consumer use. It does not cover product issues caused by any other reason, including but not limited to product issues due to commercial use, acts of God, third-party installation, misuse, limitations of technology, or modification of or to any part of the URC equipment. This limited warranty does not cover the URC equipment sold as used, as is, refurbished, so called "B stock" or consumables (such as batteries). This limited warranty is invalid if the factory applied serial number has been altered or removed from the URC equipment. **This limited warranty specifically excludes the URC equipment sold by unauthorized resellers.**

With the exception of URC's IR-only, broad-based consumer remotes, none of URC's PC programmable remotes or any of our ccGEN2™ whole-house



equipment are authorized for online internet sales. Buying URC's PC programmable remotes or any of our ccGEN2™ whole-house equipment online means buying equipment that does not have a URC's limited warranty. Such equipment is not eligible for URC tech support or software support, either.

## **2. URC'S Limitations of Liability**

IN NO EVENT SHALL URC BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL, EXEMPLARY, PUNITIVE OR CONSEQUENTIAL DAMAGES OF ANY KIND OR LOSS OF PROFITS OR BUSINESS OPPORTUNITY, EVEN IF URC IS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

IN NO EVENT SHALL URC BE LIABLE FOR LOSS OF OR DAMAGE TO DATA, COMPUTER SYSTEMS OR COMPUTER PROGRAMS. URC'S LIABILITY, IF ANY, FOR DIRECT DAMAGES OF ANY FORM SHALL BE LIMITED TO ACTUAL DAMAGES, NOT IN EXCESS OF AMOUNTS PAID BY END USER FOR THE URC EQUIPMENT.

IN NO EVENT SHALL URC BE LIABLE FOR ANY EVENTS BEYOND ITS CONTROL, INCLUDING ANY INSTANCE OF FORCE MAJEURE. IN NO EVENT SHALL URC BE LIABLE FOR THE ACTS OR OMISSIONS OF END USER OR ANY THIRD PARTY.

THE LIMITATIONS OF LIABILITY MAY NOT APPLY TO END USER IN WHOLE OR IN PART, WHERE SUCH ARE RESTRICTED LIMITED OR EXCLUDED BY APPLICABLE LAW AND SUCH SHALL APPLY TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW.

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SOME STATES OR JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, OR ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO END USER. THIS LIMITED WARRANTY GIVES END USER SPECIFIC LEGAL RIGHTS AND END USER MAY HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE OR JURISDICTION TO JURISDICTION.

## **End User Agreement**

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The terms and conditions of the End User Agreement is available at [www.universalremote.com/eua.php](http://www.universalremote.com/eua.php) shall apply.

## Federal Communication Commission Interference Statement

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This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radiofrequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- ◆ Reorient or relocate the receiving antenna.
- ◆ Increase the separation between the equipment and receiver.
- ◆ Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- ◆ Consult the dealer or an experienced radio/TV technician for help.

### Warning!

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Note : The manufacturer is not responsible for any Radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

### FCC Caution

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.

### Federal Communication Commission (FCC) Radiation Exposure Statement

The device and the antenna for this device must be installed to ensure a minimum separation distance of 20 cm more from a person's body. Other operating configurations should be avoided.

# Declaration of Conformity

Company Name : OH SUNG ELECTRONICS CO., LTD.  
 Company Address : #181 GONG DAN-DONG, GUMI, GYEONG BUK,  
 REPUBLIC OF KOREA  
 Contact Information : Phone: +82-54-468-7281, Fax: +82-54-461-8368  
 Brand Name : UNIVERSAL remote control  
 Product Name : Auxiliary Controller  
 Model Name : AZ-1

This product herewith complies with the requirements of EMC Directive (2004/108/EC)  
 and R&TTE Directive(1995/5/EC) issued by the Commission of the European Community  
 Compliance with these directives implies conformity to the following European Community

■ EMC Directive

- EN 55022 (2010)
- EN 55024 (2010)
- EN 61000-3-2 (2006) +A1 (2009) + A2 (2009)
- EN 61000-3-3 (2008)

■ R&TTE Directive

- EN 60950-1 (2006) + A11 (2009) + A1 (2010) + A12 (2011)
- ETSI EN 301-489-1 V1.9.2 (2011), ETSI EN 301 489-17 V2.1.1 (2009)
- ETSI EN 300 328 V1.7.1(2006), EN50385 (2002)

■ Low Voltage Directive

- EN 60950-1 (2006) + A11 (2009) + A1 (2010) + A12 (2011)

List of test reports and/or certificate verified compliance with the standards above

■ EMC Directive

- Report No.
- Testing Laboratory : Gumi College EMC Center

■ R&TTE Directive

- Certificate No.
- Certificate Body : SIEMIC (No. 2200)

Date of issue : March 16, 2012

Name and signature of authorized person : Quality Assurance Team  
 OH SUNG ELECTRONICS CO., LTD.





















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